

## **California Weather-Hydro Conditions during June 2011**

As of July 1, 2011, statewide hydrologic conditions were as follows: precipitation, 140 percent of average to date; runoff, 140 percent of average to date; snow water equivalent, 15 percent of the April 1 average; and reservoir storage, 120 percent of average for the date. Sacramento River Region unimpaired runoff observed through June 30, 2011 was about 22.8 million acre-feet (MAF), which is about 133 percent of average. For comparison, on June 30, 2010, the observed Sacramento River Region unimpaired runoff through that date was about 14.5 MAF, or about 85 percent of average.

The first and last parts of June were unusually cool and wet. On July 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 72.2 inches, which is about 149 percent of the seasonal average to date and 144 percent of an average water year (50.0 inches). During June, the total precipitation for the 8-Stations was 3.2 inches, which is about 320 percent of the monthly average. Last year on July 1, the seasonal total for the 8-Stations was 52.9 inches, or about 109 percent of average for the date.

On July 1, the San Joaquin 5-Station Precipitation Index Water Year total was 64.1 inches, which is about 162 percent of the seasonal average to date and 157 percent of an average water year (40.8 inches). During June, the total precipitation for the 5-Stations was 2.8 inches, or about 467 percent of the monthly average. Last year on July 1, the seasonal total for the 5-Stations to date was 44.7 inches, or about 113 percent of average for the date.

Selected Cities Precipitation Accumulation as of 06/30/2011 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2010 - 2011 (in inches)	% Avg	Jul 1 to Date 2009 - 2010 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2010 - 2011
Eureka	45.13	118	44.51	117	118
Redding	36.36	108	30.45	91	108
Sacramento	23.98	134	20.74	116	134
San Francisco	22.98	114	21.39	106	114
Fresno	17.51	156	12.36	110	156
Bakersfield	10.33	159	7.10	109	159
Los Angeles	17.85	136	12.43	95	136
San Diego	12.62	117	10.55	98	117

Key Reservoir Storage (1,000 AF) as of 06/30/2011								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	2,419	2,125	114	2,448	99	---	29
Shasta Lake	Sacramento	4,402	3,724	118	4,552	97	-151	150
Lake Oroville	Feather	3,515	2,942	119	3,538	99	-23	23
New Bullards Bar Res	Yuba	956	828	115	966	99	-10	10
Folsom Lake	American	928	830	112	977	95	-49	49
New Melones Res	Stanislaus	2,300	1,517	152	2,420	95	-120	120
Don Pedro Res	Tuolumne	1,917	1,600	120	2,030	94	-63	113
Lake McClure	Merced	1,002	752	133	1,025	98	-6	23
Millerton Lake	San Joaquin	484	415	117	520	93	7	36
Pine Flat Res	Kings	963	696	138	1,000	96	-14	37
Isabella	Kern	360	308	117	568	63	-1	208
San Luis Res	(Offstream)	1,825	1,350	135	2,039	90	---	214

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for July 2011, issued June 30, 2011, suggests below average rainfall for southeastern California. No tendency for above or below average rainfall is suggested for the remainder of the State.